



NATIONAL
AGRICULTURAL
STATISTICS
SERVICE

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KENTUCKY WEEKLY CROP & WEATHER REPORT



In Cooperation with:
Univ. of Ky - Agr'l Weather Center
U.S. Dept. of Commerce - NOAA
Kentucky Department of Agriculture
Cooperative Extension Service

LELAND E. BROWN, Director

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AGRICULTURAL NEWS: The State needs widespread precipitation to maintain crop development, despite localized reports of heavy rainfall in some spotty eastern locations. Precipitation during the week was 0.19 inches which was 0.75 inches below normal. Crops could lose some yield potential due to the lack of soil moisture. The average temperature was the same as the previous week at 75 degrees. **Topsoil moisture** as of Friday, June 30, was rated 5 percent very short, 31 percent short, 59 percent adequate, and 5 percent surplus. **Subsoil moisture** was rated 3 percent very short, 29 percent short, 63 percent adequate, and 5 percent surplus. With the lack of rain, fieldwork for the week ending June 30, averaged 5.8 days out of a possible 7 days. The majority of fieldwork included wheat combining, soybean planting, cultivating tobacco, baling hay, and mowing pastures where needed.

TOBACCO: Most of the tobacco crop throughout the State has limited disease presence. However, increased blue mold is affecting the tobacco crop in some eastern and central counties. Black shank and flea beetles were also reported in the eastern part of the State. The tobacco condition was rated 1 percent very poor, 3 percent poor, 18 percent fair, 59 percent good, and 19 percent excellent. As of Sunday, July 2, 52 percent of transplants were under 12 inches in height, 35 percent 12-24 inches in height, and 13 percent were over 24 inches.

CORN: Some corn began twisting from lack of moisture. The condition of the corn was rated 1 percent very poor, 3

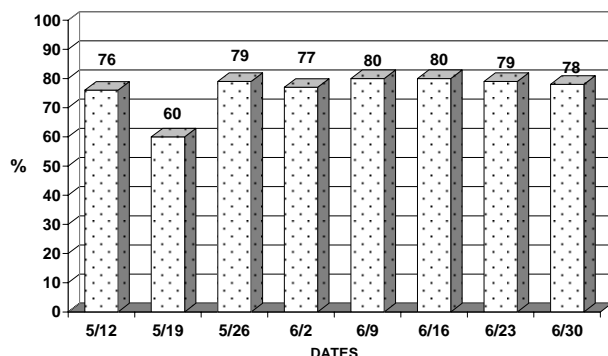
percent poor, 16 percent fair, 42 percent good, and 38 percent excellent. Forty-nine percent of the corn has silked or was silking as of Sunday, July 2, well ahead of last year's 37 percent, and the 5-year average of 41 percent.

SOYBEANS: As of Sunday, July 2, 97 percent of the soybeans have been planted, well ahead of both last year's 82 percent, and the 5-year average of 81 percent. Soybean blooming was at 18 percent, well behind last year's 33 percent, but just ahead of the 5-year average of 14 percent. The soybean condition was rated 1 percent very poor, 4 percent poor, 20 percent fair, 54 percent good, and 21 percent excellent. The soybean crop has been least affected by the dry weather but still needs additional rain, especially for germination of recently planted double crop soybeans.

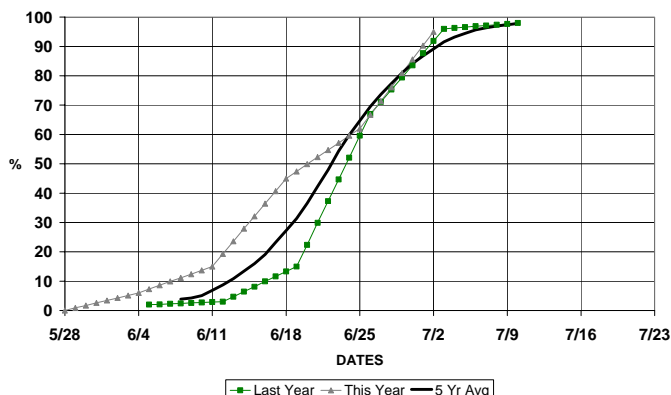
SMALL GRAINS: Winter wheat harvested was 95 percent completed as of Sunday, July 2, just ahead of last year's 92 percent, and the 5-year average of 89 percent. Optimism for excellent wheat yields and grain quality remain high.

OTHER CROPS: The dry weather has allowed farmers windows of opportunity to bale and haul hay. The second cutting of hay is well underway statewide. Pasture condition deteriorated due to lack of rainfall. Pasture condition as of Friday, June 30 was rated 1 percent very poor, 7 percent poor, 32 percent fair, 47 percent good, and 13 percent excellent.

BURLEY TOBACCO CONDITION
% Good to Excellent



WHEAT PERCENT HARVESTED



KENTUCKY CROP PROGRESS

WEEK ENDING JULY 2, 2006
WITH COMPARISONS

Crop Stage	This Week	Previous Year	5-Yr. Avg.	Previous Week KY	U.S.
Percentage					
Corn Silking	49	37	41	8	5
Soybeans Blooming	18	33	14	0	6
Wheat Harvested	95	92	89	62	53

(NA)Data Not Available.

SOIL MOISTURE

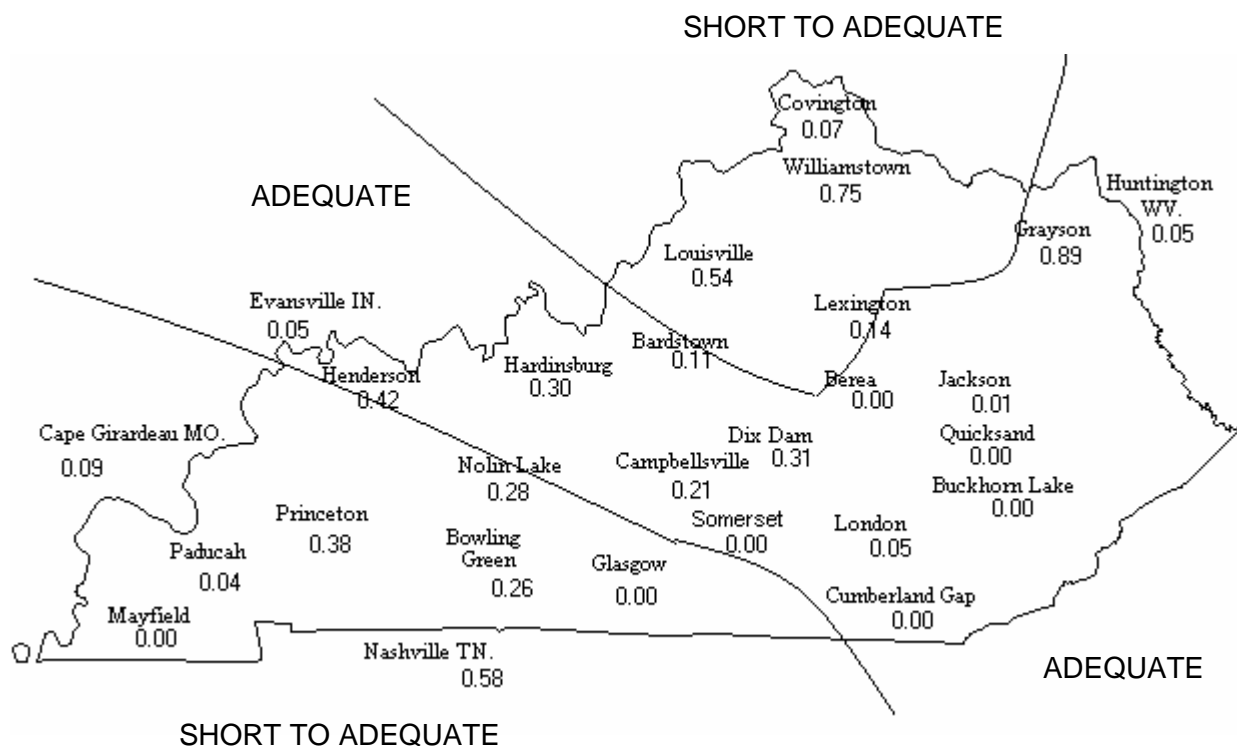
WEEK ENDING JUNE 30, 2006
WITH COMPARISONS

	This Week	Previous Week
Percentage		
TOPSOIL		
Very Short	5	5
Short	31	22
Adequate	59	56
Surplus	5	17
SUBSOIL		
Very Short	3	6
Short	29	21
Adequate	63	64
Surplus	5	9

KENTUCKY CROP CONDITIONS (Percent)

WEEK ENDING JUNE 30, 2006						WEEK ENDING JUNE 23, 2006				
CROP	VERY POOR	POOR	FAIR	GOOD	EXCEL-LENT	VERY POOR	POOR	FAIR	GOOD	EXCEL-LENT
Corn	1	3	16	42	38	0	3	13	51	33
Soybeans	1	4	20	54	21	0	2	27	53	18
Pasture	1	7	32	47	13	1	6	25	54	14
Tobacco	1	3	18	59	19	0	3	18	64	15

PRECIPITATION MAP FOR WEEK ENDING SUNDAY, JULY 2, 7:00 P.M. TOPSOIL MOISTURE DELINEATION FOR WEEK ENDING FRIDAY, JUNE 30, 2006



KENTUCKY WEATHER SUMMARY, JUNE 26 – JULY 2, 2006:

Near Normal Temperatures and Below Normal Rainfall:

After seeing beneficial rainfall the previous week, below normal rainfall fell across the Commonwealth this past week. A stationary front established itself across Eastern Kentucky bringing scattered showers to east and central portions of the State. By mid-week a weak cold front moved through bringing showers to the northern portion of Kentucky and above normal temperatures to the west. Over the weekend high pressure had settled in and hot, dry conditions were present. There were unofficial reports of isolated rainfall totals of 1 to 2 inches in far Eastern Kentucky early in the work week. Temperatures were near normal during the work week and above normal during the weekend.

Temperatures for the period averaged 75 degrees across the State which was near normal and the same as last weeks average. High temperatures averaged from 88 in the West to 85 in the East. Departure from normal high temperatures ranged from near normal in the West to near normal in the East. Low temperatures averaged from 64 degrees in the West to 63 degrees in the East. Departure from normal low temperature ranged from 1 degree below normal in the West to 1 degree below normal in the East. Extreme high temperatures were in the low to mid 90s with extreme low temperatures in the mid 50s. Precipitation (liq. equ.) for the period totaled 0.19 inches statewide which was 0.75 inches below normal. Precipitation totals by climate division, West 0.16 inches, Central 0.25 inches, Bluegrass 0.23 inches and East 0.12 inches, which was 0.71, 0.72, 0.70 and 0.85 inches respectively below normal. By station, precipitation totals ranged from a low of 0.00 inches at Berea to a high of 0.89 inches at Grayson.

Tom Priddy

KENTUCKY TEMPERATURES AND RAINFALL

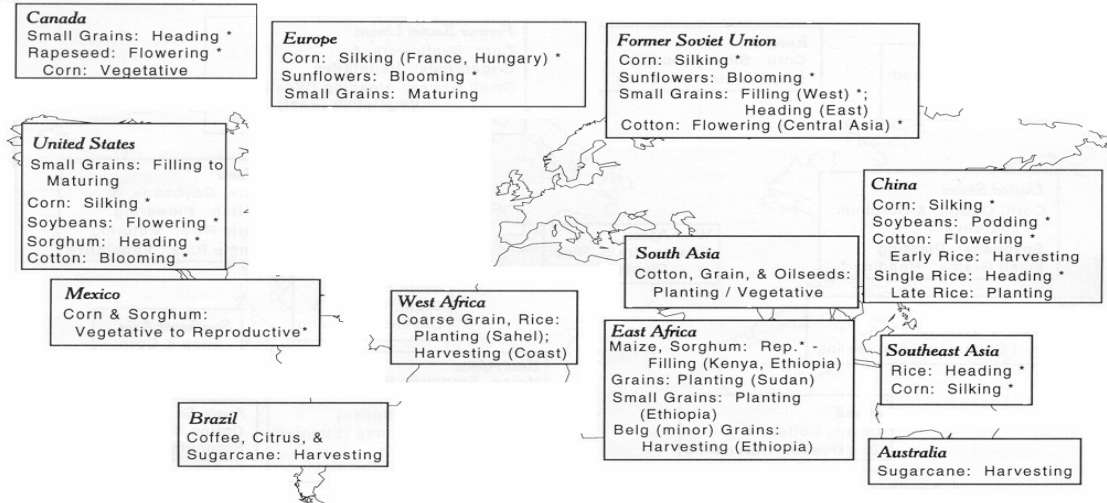
FOR WEEK ENDING SUNDAY, JULY 2, 7:00 P.M.

Weather Station	Rainfall			Deviation From		Air Temperature				Growing Degree Days		
	Last Week	Since April 1	Last Four Wks	Norm Since Apr. 1	Norm Last 4 Wks	High	Low	Wkly. Avg.	Dev. From Norm	Last Week	Since Apr. 1	Dev. Since Apr. 1
	(Inches)					(Degrees Fahrenheit)						
Bardstown	0.11	9.13	2.36	-3.20	-1.13	92	56	72.9	-2	154	1446	-27
Berea	0.00	11.41	1.47	-1.90	-2.24	91	58	74.1	-0	164	1498	-8
Bowling Green	0.26	10.80	2.05	-2.94	-1.87	97	61	76.6	+1	173	1635	+99
Bristol	0.89	12.10	2.78	+1.08	-0.57	90	57	72.0	-2	150	1397	+17
Buckhorn Lake	0.00	10.85	2.76	-1.47	-1.15	94	60	74.9	+0	165	1481	+163
Cape Girardeau	0.09	11.46	1.47	-1.86	-1.77	98	58	77.1	+0	169	1689	+88
Campbellsville	0.21	8.87	0.97	-5.57	-2.98	93	57	72.9	-2	153	1424	-52
Covington	0.07	12.57	3.15	+0.43	-0.45	93	55	73.2	-1	155	1343	+21
Cumberland Gap	0.00	11.46	0.00	-2.03	-4.03	94	60	74.9	+0	165	1447	+97
Dix Dam	0.31	10.48	1.51	-2.47	-1.99	92	57	74.0	-0	161	1383	-90
Evansville	0.05	12.95	1.49	+0.43	-1.80	95	62	76.3	-1	174	1603	+95
Glasgow	0.00	13.08	1.89	-1.47	-2.44	96	58	75.0	-0	163	1641	+195
Grayson	0.89	12.66	3.76	+0.62	+0.12	93	58	75.6	+1	169	1385	+128
Hardinsburg	0.30	11.89	2.14	-1.39	-1.45	94	60	75.6	+0	167	1471	-65
Henderson	0.42	11.12	0.87	-1.74	-2.68	95	59	75.9	-1	169	1476	-62
Huntington	0.05	11.17	3.17	-0.71	-0.35	93	57	74.6	+0	165	1470	+118
Jackson	0.01	11.20	2.69	-1.54	-0.96	91	60	73.6	-1	161	1516	+198
Lexington	0.14	10.58	2.25	-1.75	-1.24	94	58	73.9	-1	160	1400	+48
London	0.05	11.89	2.02	-0.22	-1.42	93	56	73.3	-1	156	1442	+92
Louisville	0.54	15.24	3.96	+2.64	+0.67	93	58	73.8	-1	159	1441	-67
Mayfield	0.00	10.31	1.76	-3.41	-1.45	94	60	74.9	-2	165	1447	-150
Nashville	0.58	11.57	1.82	-1.51	-1.53	97	62	78.1	+3	180	1783	+152
Nolin Lake	0.28	13.35	2.91	-0.91	-0.81	96	60	76.7	+1	171	1466	+55
Paducah	0.04	13.19	2.66	-1.08	-1.12	95	60	78.1	+1	179	1746	+147
Princeton	0.38	11.83	1.82	-2.06	-1.79	94	59	75.9	-1	170	1670	+102
Quicksand	0.00	7.94	1.22	-4.80	-2.43	94	60	74.9	+0	165	1443	+125
Somerset	0.00	12.06	2.25	-1.92	-1.74	89	54	70.6	-4	141	1400	-41
Spindletop	0.09	8.33	1.59	-4.00	-1.90	92	59	73.8	-1	160	1360	+8
Williamstown	0.75	12.88	3.68	+0.26	+0.12	93	56	74.5	+0	163	1319	-33

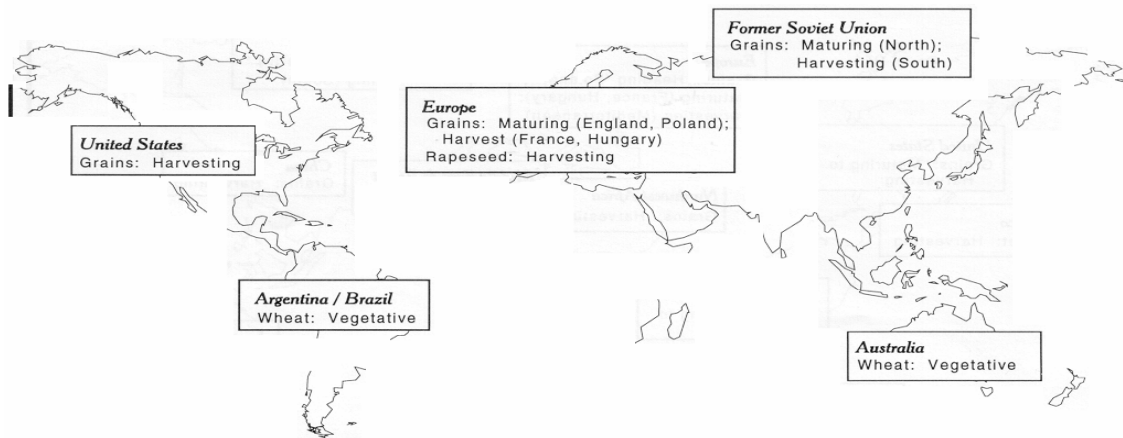
The above information is provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr'l Weather Center (859)257-3000 ext 245. E-mail: priddy@uky.edu Additional Ky weather data available on Internet at: <http://www.wagwx.ca.uky.edu/>

July normal crop calendar

Summer crops



Winter crops



* Moisture / Temperature Sensitive Stage of Development

JOINT AGRICULTURAL WEATHER FACILITY (NOAA/USDA)

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